

Figure 1

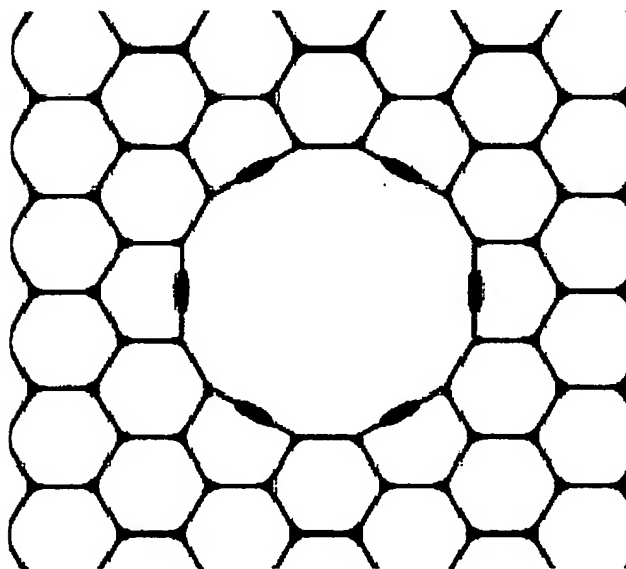


Figure 2

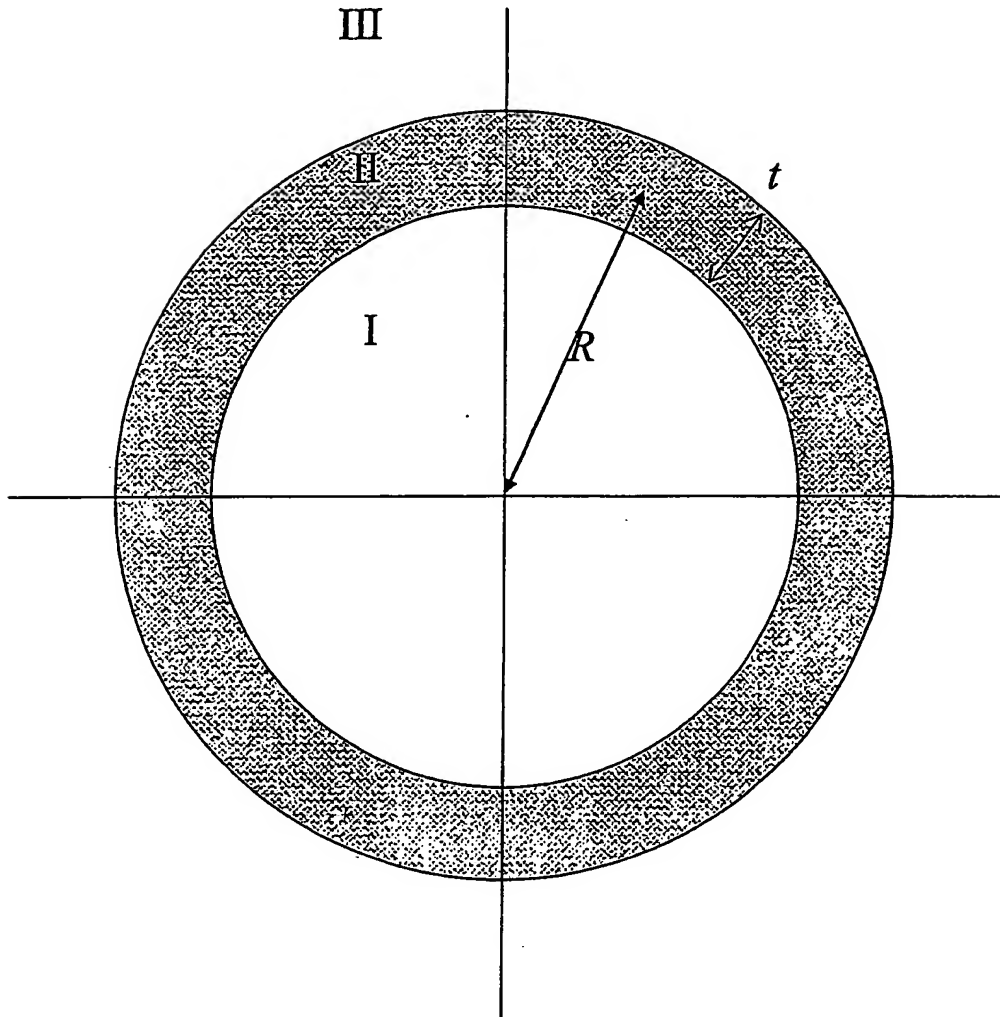
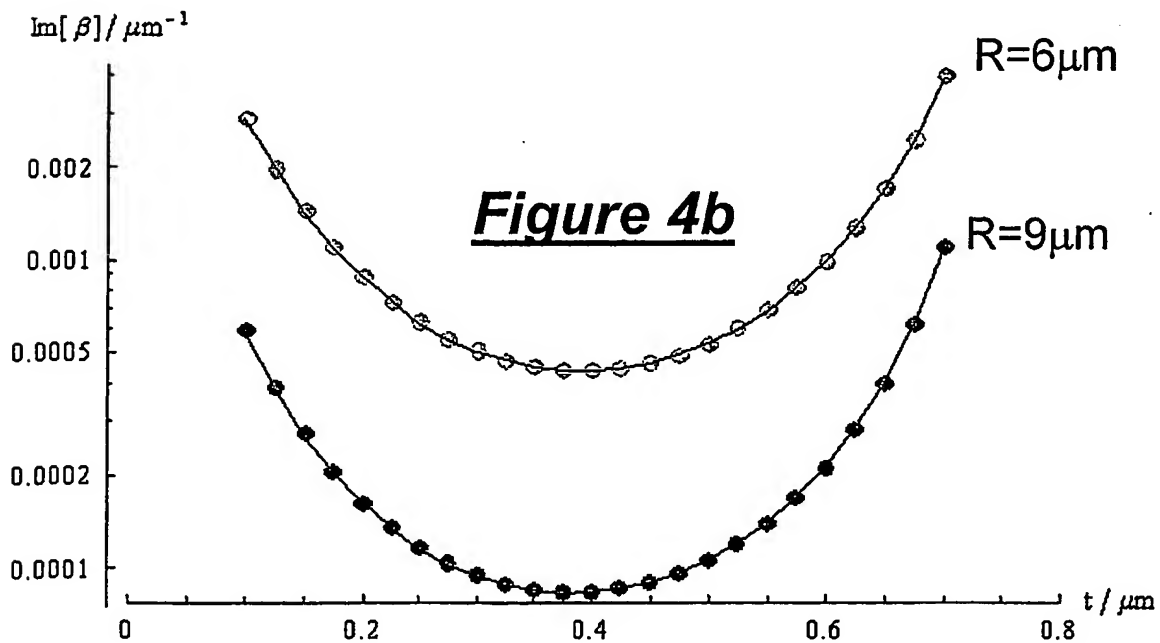
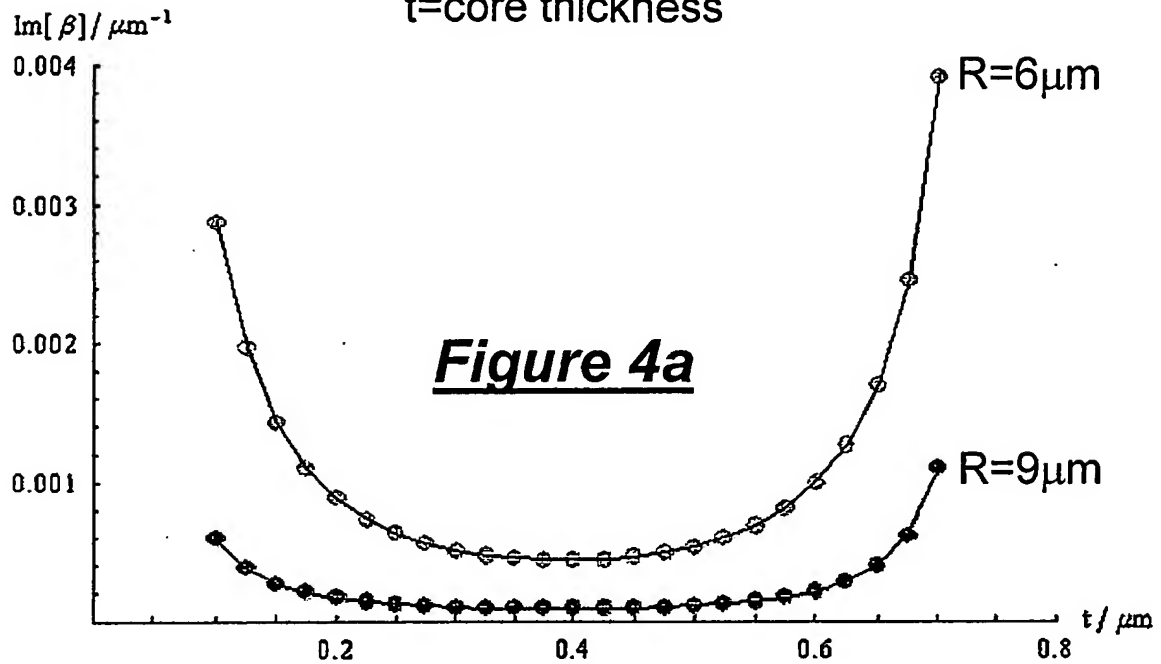


Figure 3

10/550095

$\lambda = 1.55 \mu\text{m}$
 $R = \text{mean ring radius}$
 $t = \text{core thickness}$



10/550095

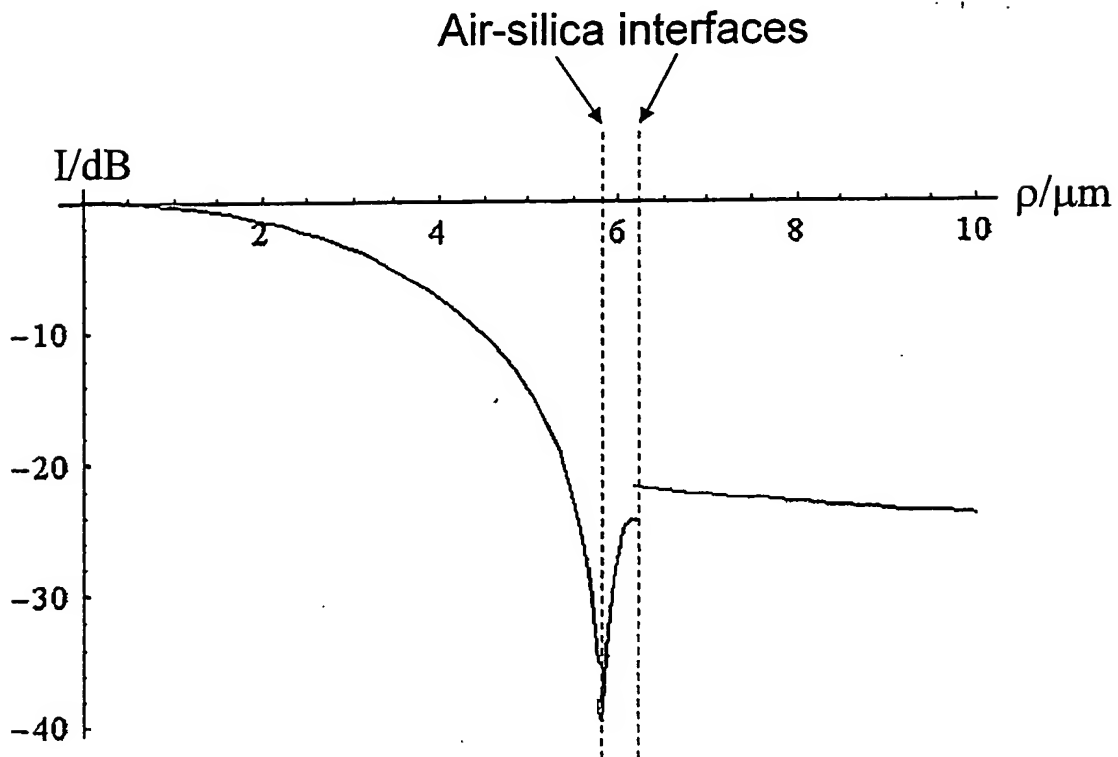


Figure 5

10/550095

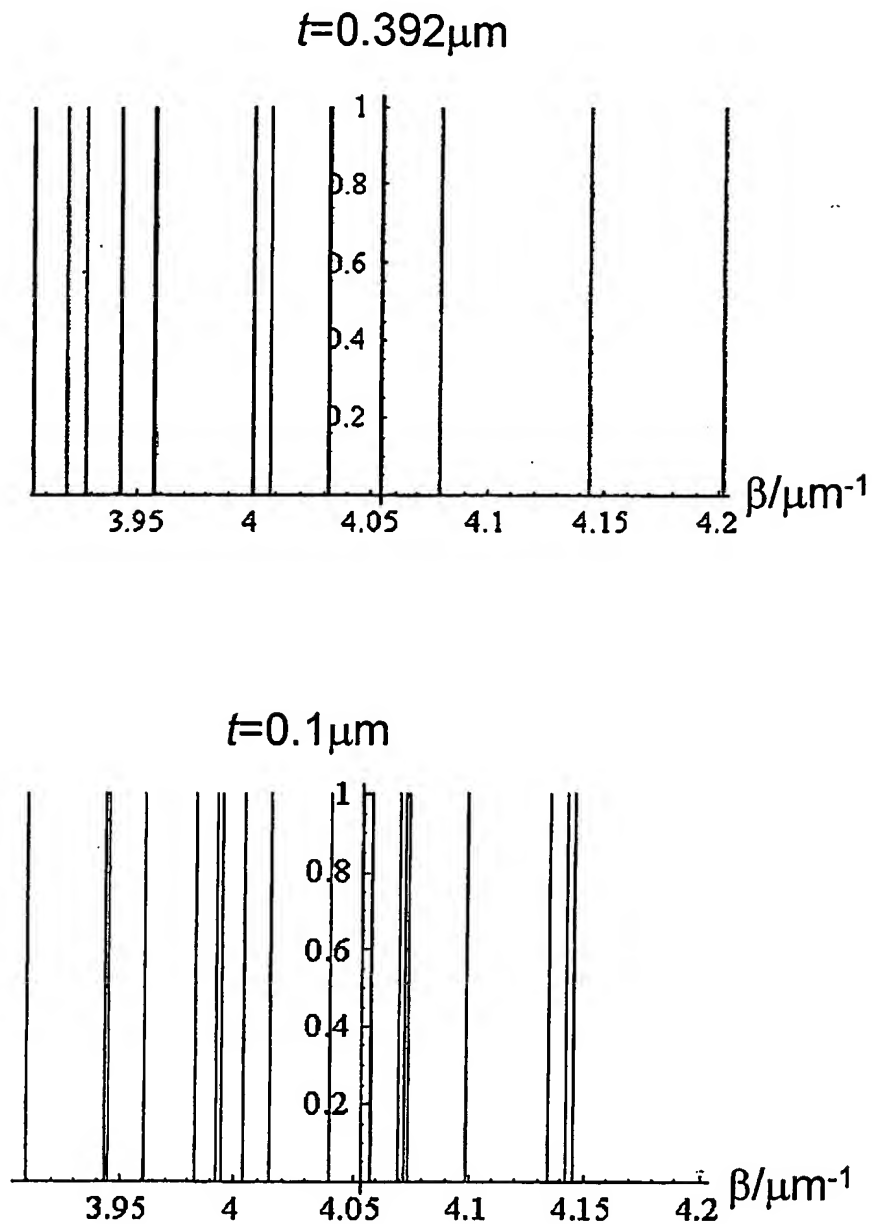
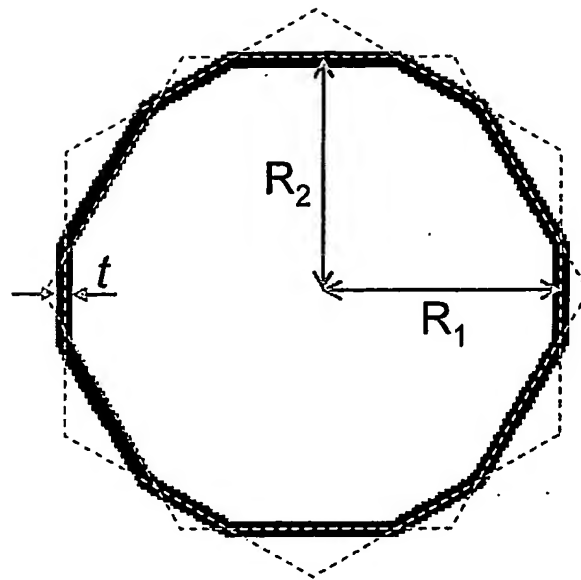


Figure 6

10/550095



$$R_1 = \frac{3\sqrt{3}}{5} R_2$$

Figure 7

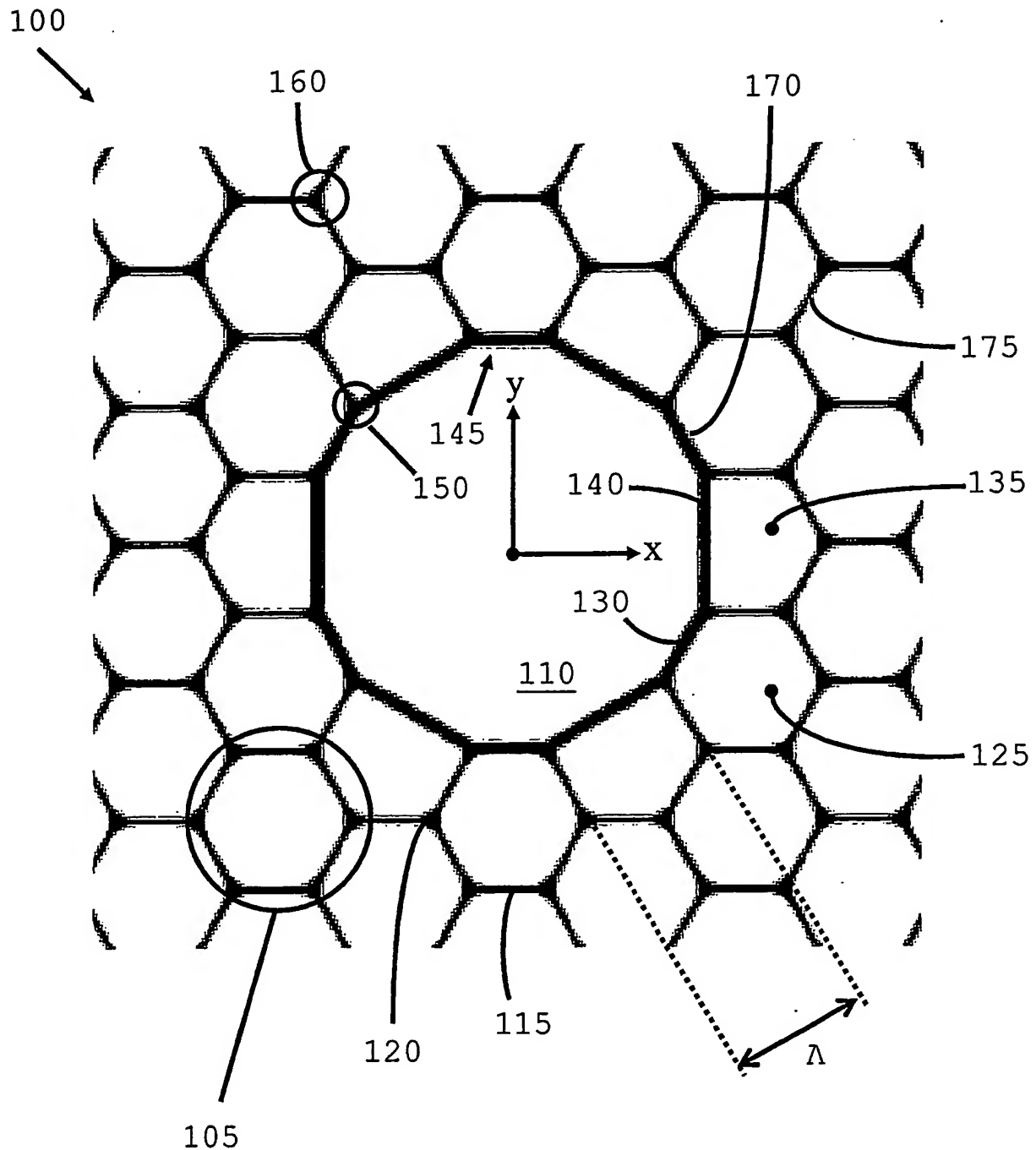


Figure 8a

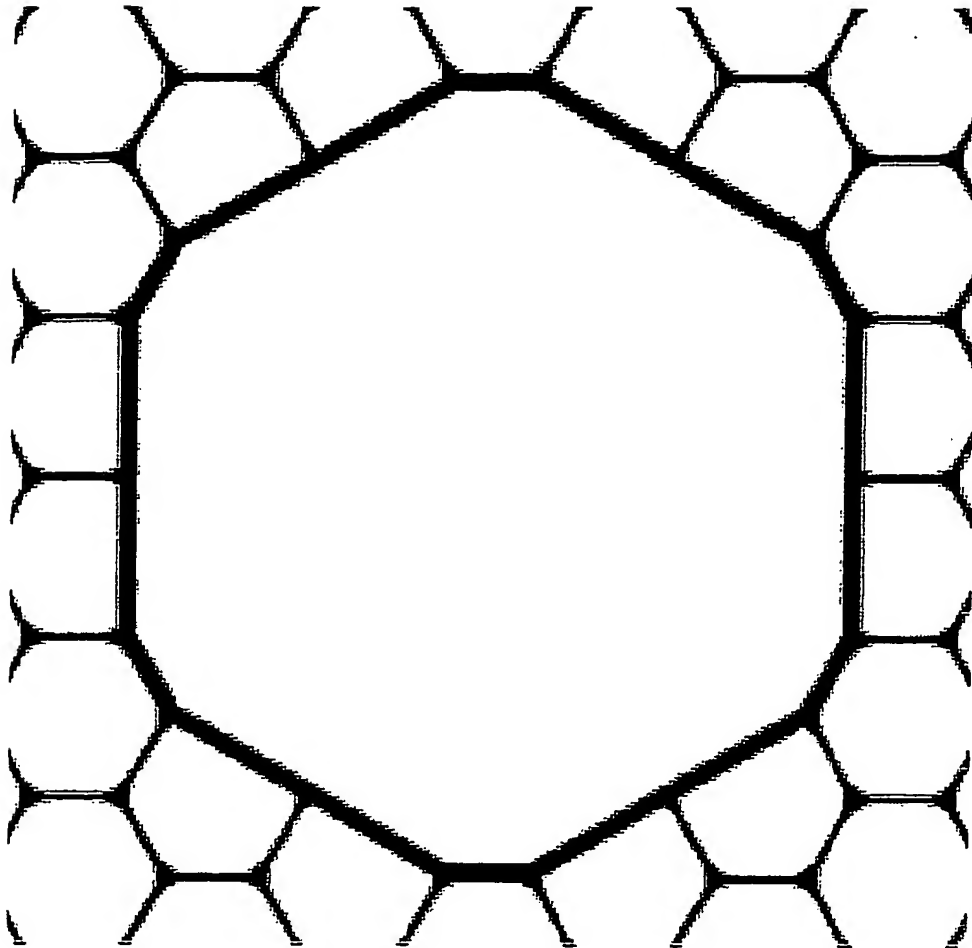
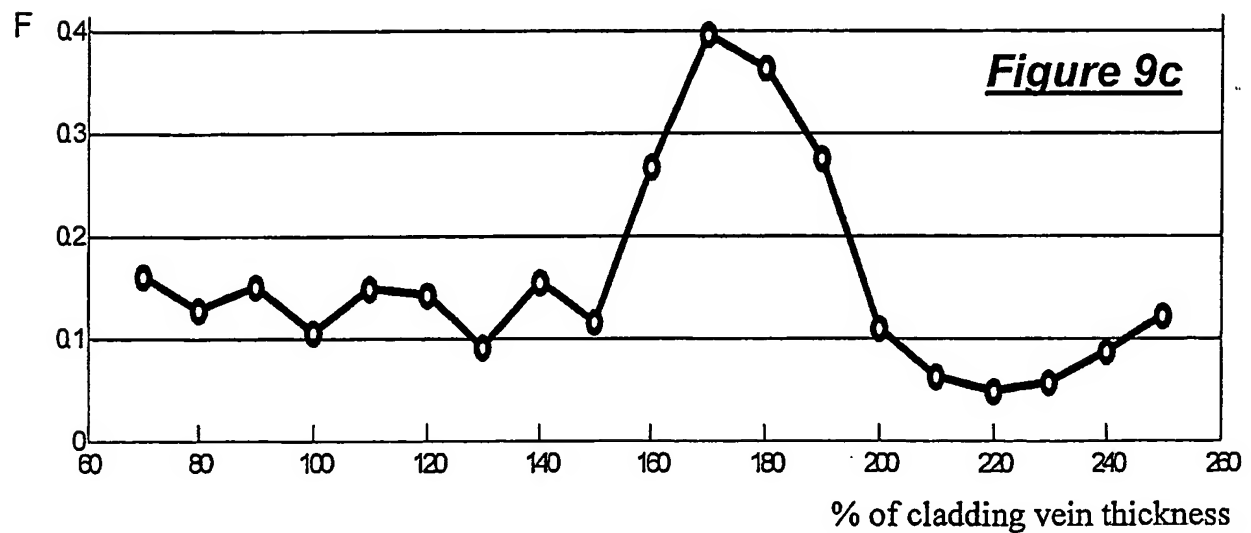
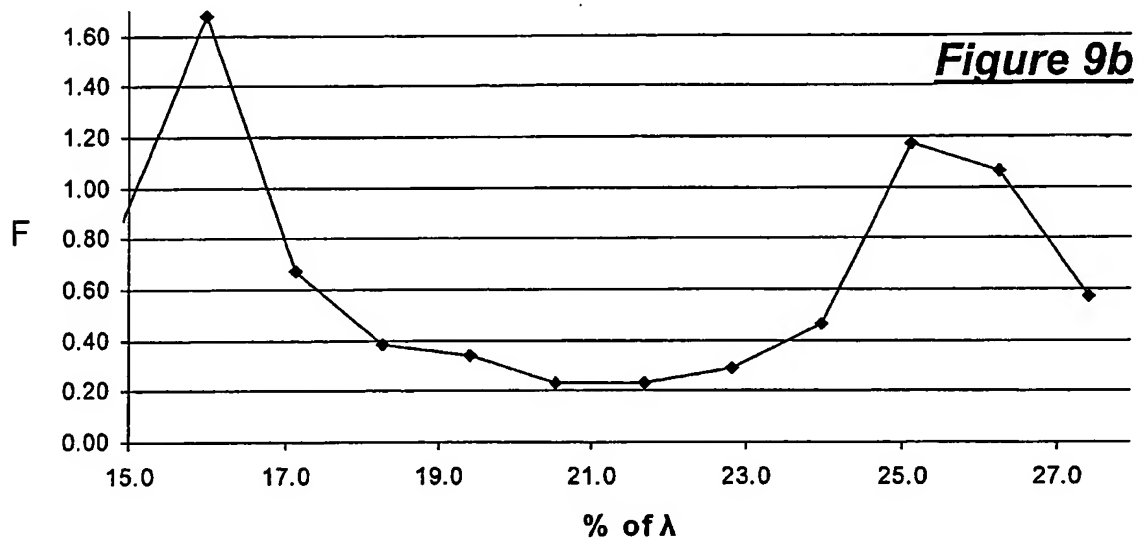
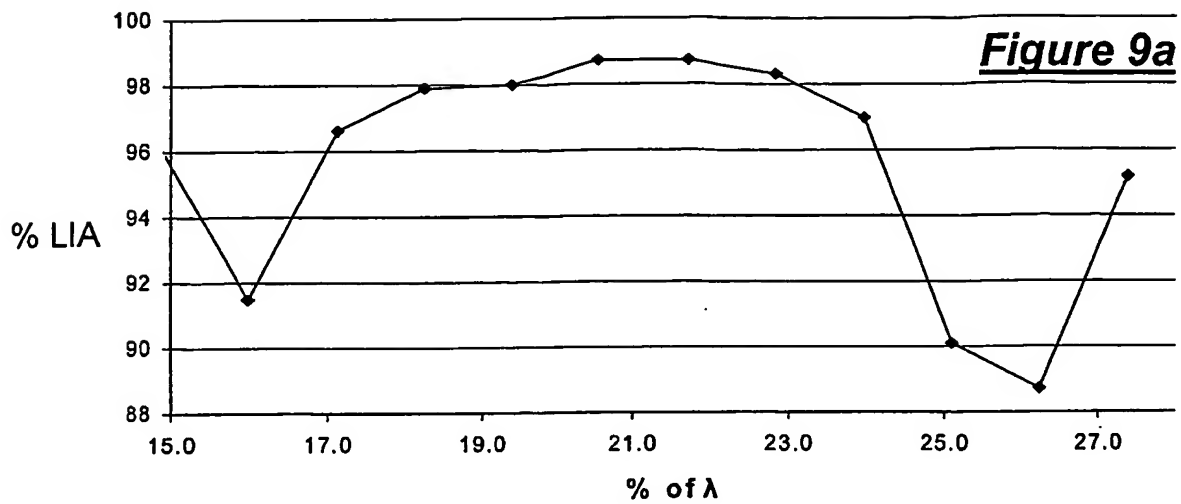


Figure 8b

10/550095



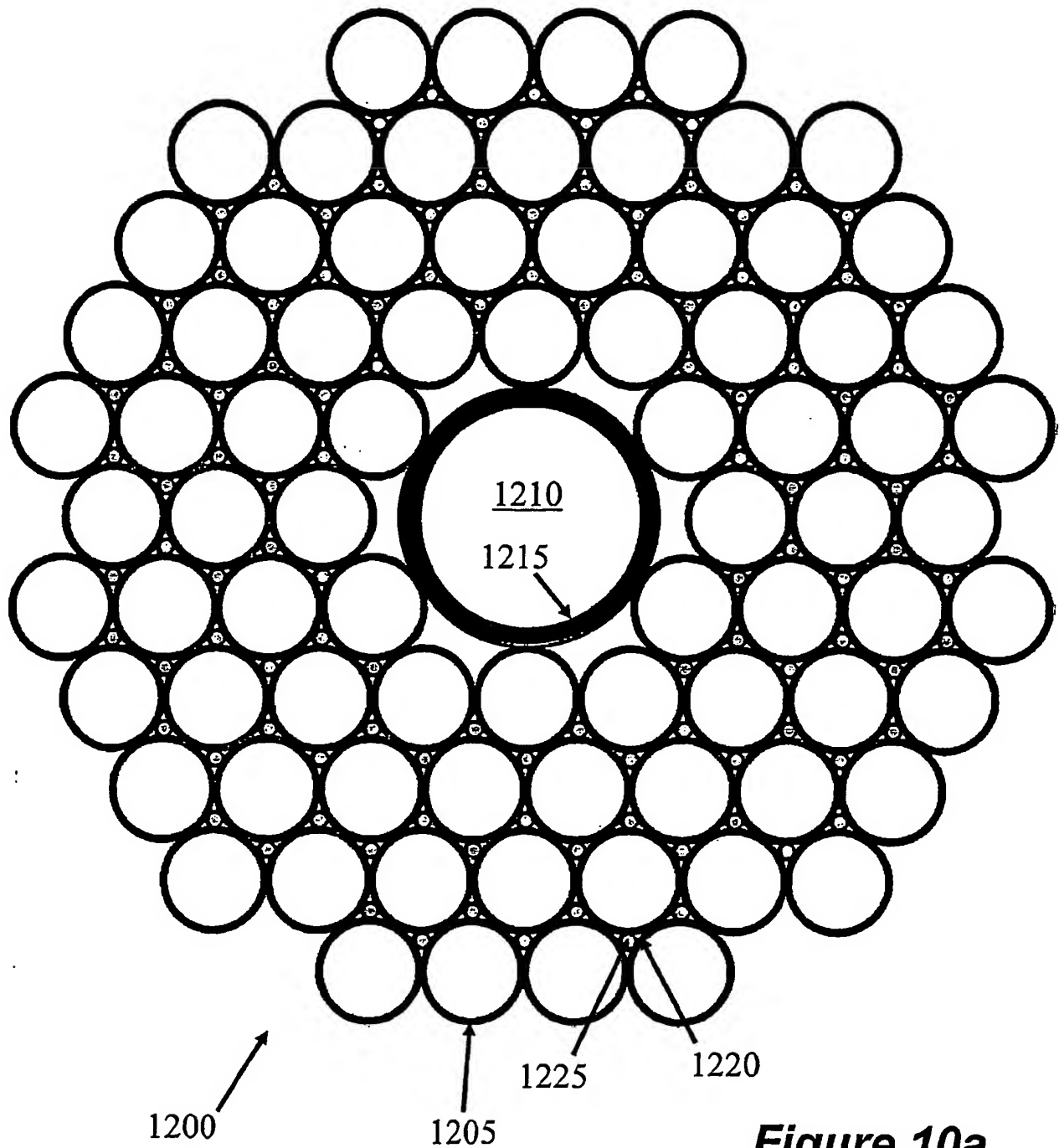


Figure 10a

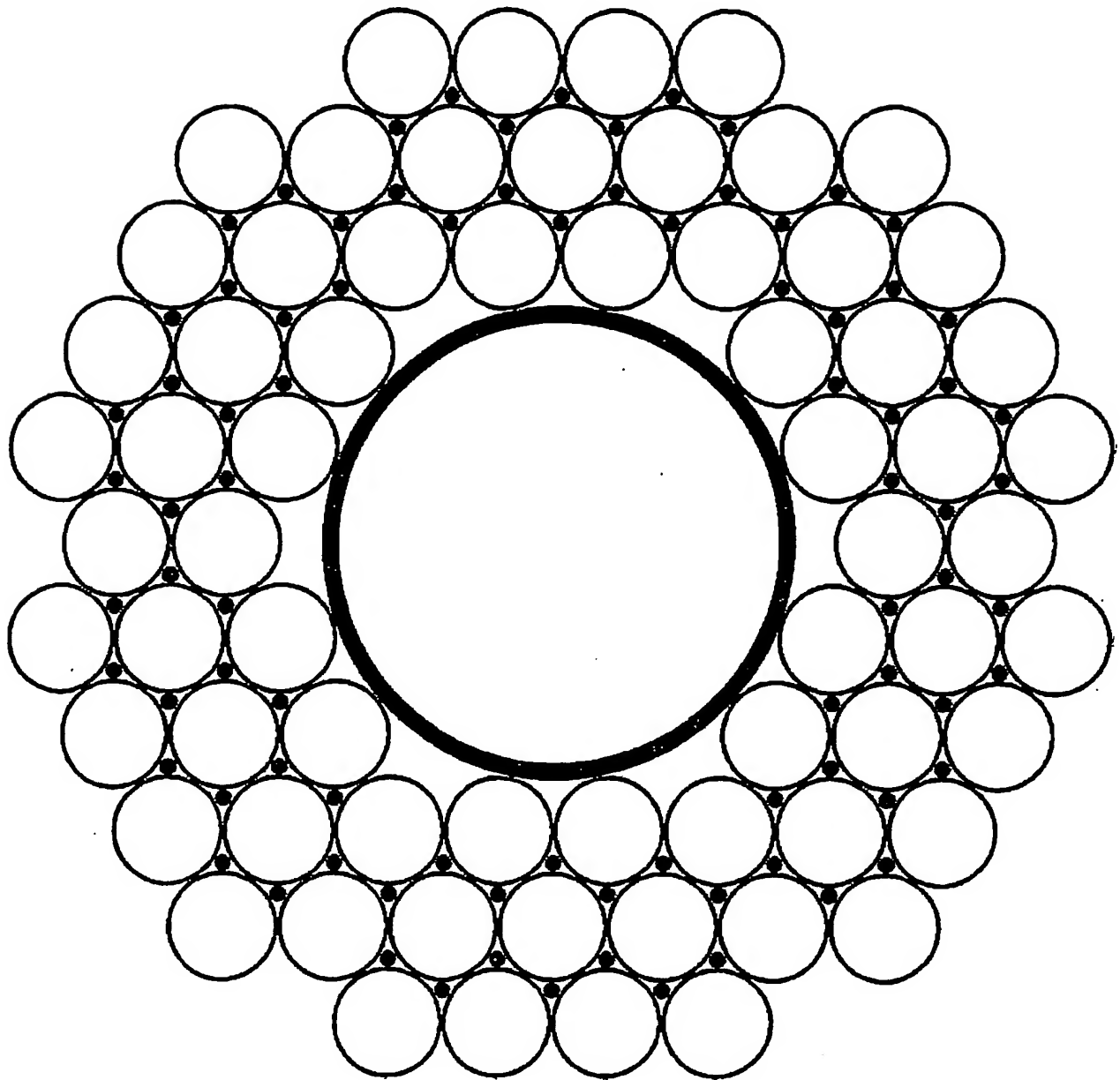


Figure 10b

10/550095

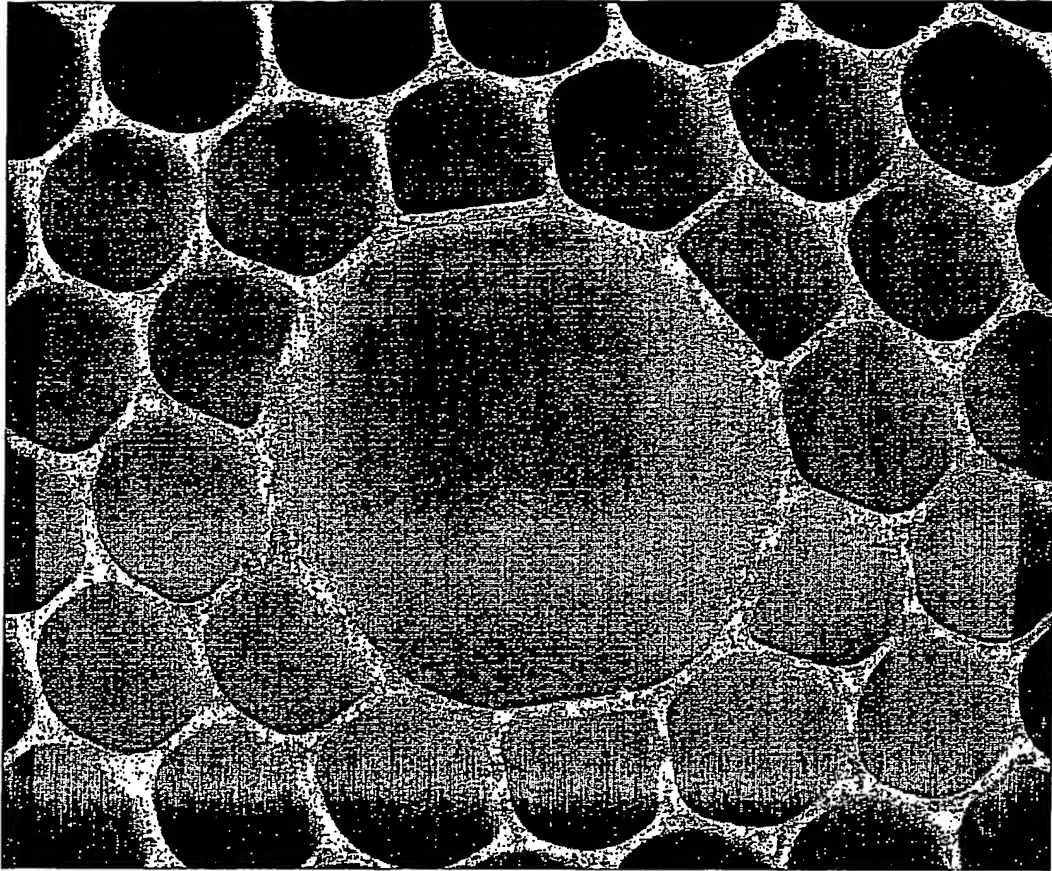


Figure 11a

10/550095

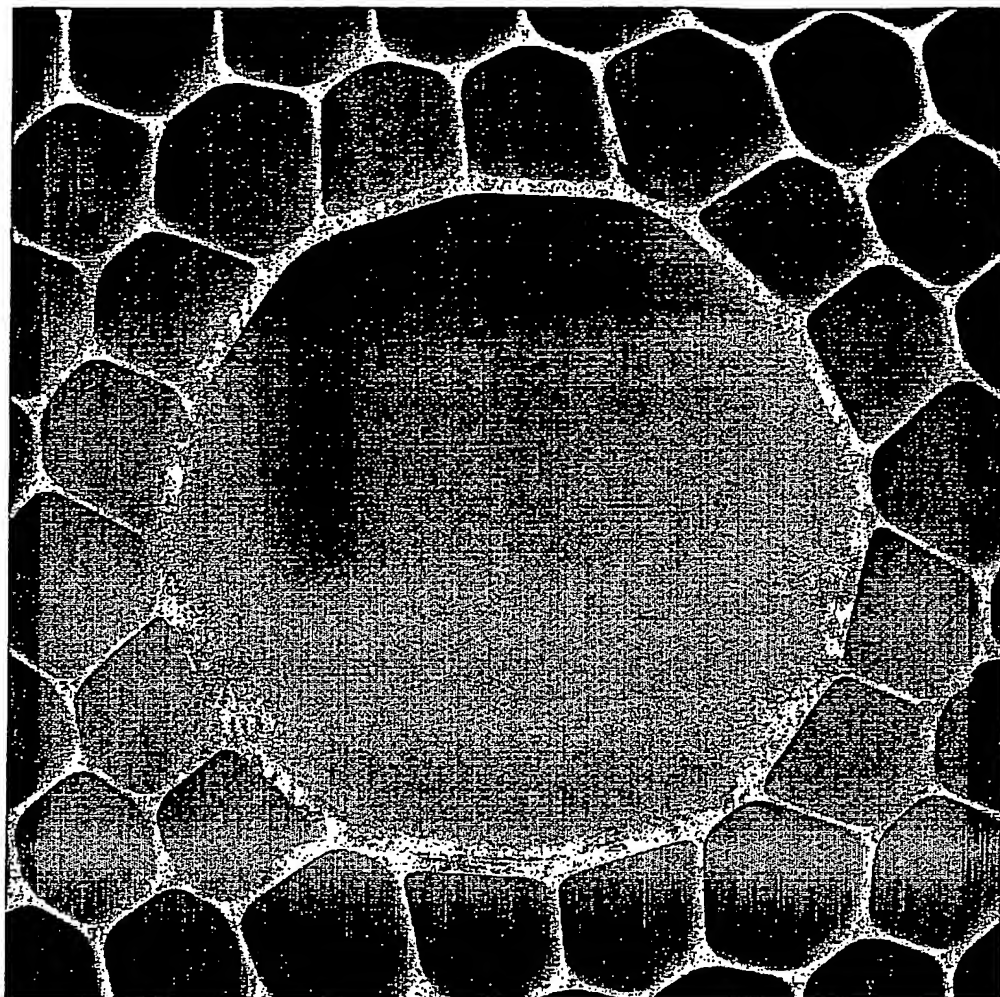


Figure 11b

10/550095

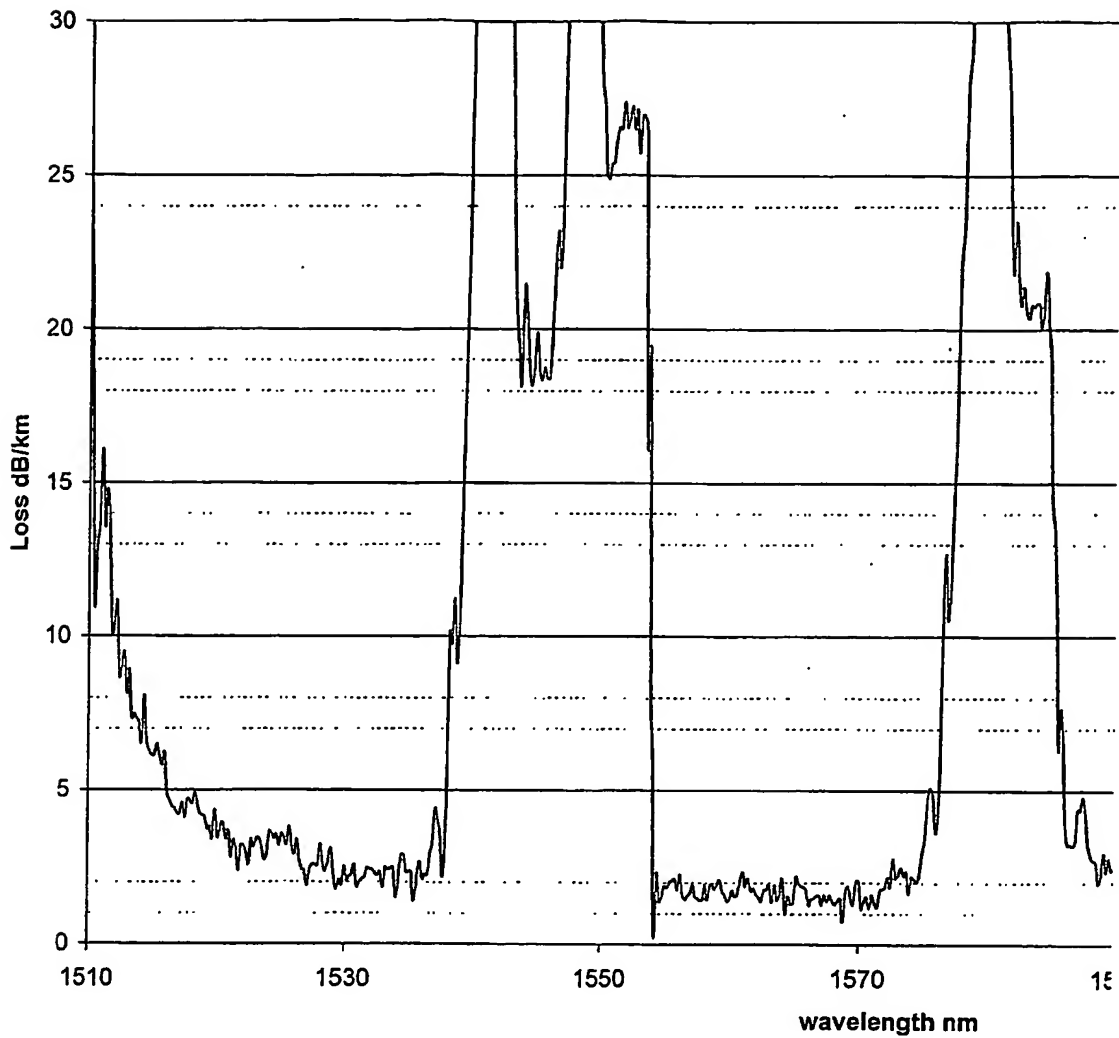


Figure 12

10/550095

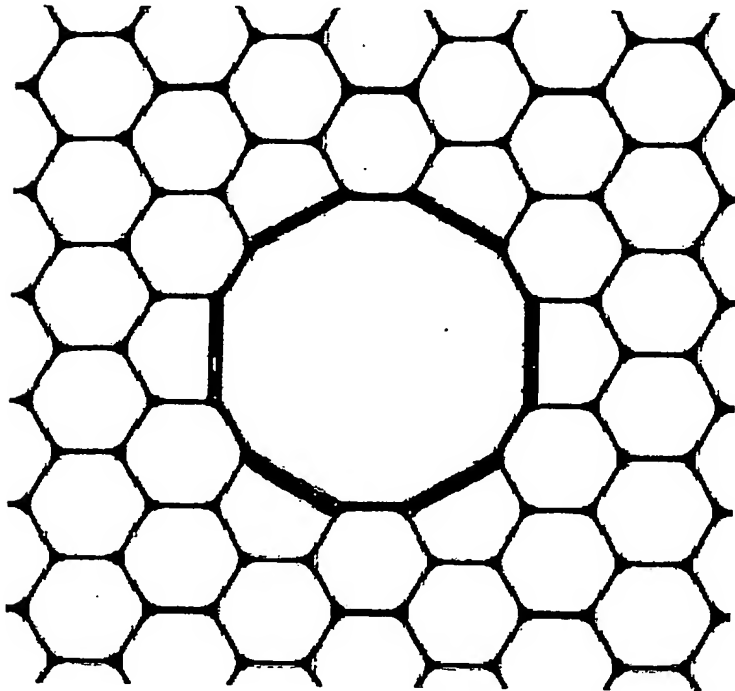


Figure 13

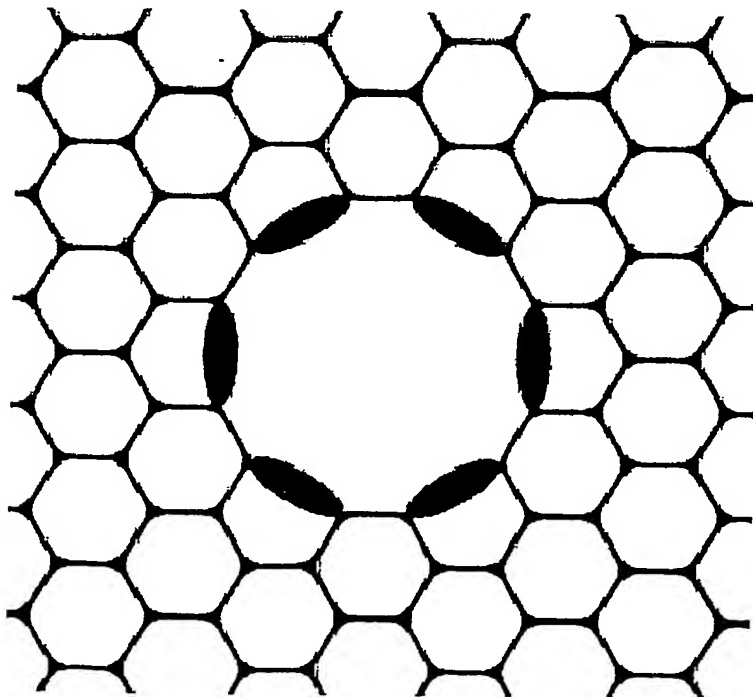


Figure 14